

# ANALOG WAY LIVEPREMIER™

## Module: MULTIVIEWER

### Crestron 3-series & 4-series

Date: **August 30th 2025**  
Driver version: **V5.0.0**  
Compatible with: **LivePremier™ Firmware V5.0.0 or above**

## GENERAL

This module reads LivePremier™ multiviewer output status and provides its related controls.

## SOURCES

The following table represents the different values used to define the source displayed in a multiviewer widget. Note that reserved values for a type are greater than the real number of sources provided by the LivePremier™ device. For instance, input values range from 1 to 99, even if a LivePremier™ device would only provide 24 real live inputs.

|             |              |
|-------------|--------------|
| NONE        | 0            |
| INPUTS      | [1, 299]     |
| IMAGES      | [301, 499]   |
| PREVIEW     | [501, 599]   |
| PROGRAM     | [601, 699]   |
| COLOR       | 700          |
| AUX_PROGRAM | [901, 999]   |
| TIMERS      | [1001, 1004] |

Note that values from [401, 599] are reserved and should not be used with the Multiviewer.

## Control

### Parameters

|                 |            |                                    |
|-----------------|------------|------------------------------------|
| MultiviewerName | Param List | The identifier of the multiviewer. |
|-----------------|------------|------------------------------------|

### General

|                    |             |  |
|--------------------|-------------|--|
| Mvw_RefreshInfos   | Digital_in  | Pulse this signal to force information retrieval. Most of the time this signal is never used |
| Mvw_Busy           | Digital_out | Equals 1 when the multiviewer output is busy   |
| Mvw_Available_FB   | Digital_out | Equals 1 when the multiviewer output is available  |
| Mvw_Enabled_FB     | Digital_out | Equals 1 when the multiviewer output is enabled  |
| Mvw_ValidOutput_FB | Digital_out | Equals 1 when the multiviewer output is valid  |
| Mvw_Global_FB      | Digital_out | Equals 1 when the multiviewer is Global (shared) between many devices                        |
| Mvw_Width_FB       | Analog_out  | The multiviewer output width   |
| Mvw_Height_FB      | Analog_out  | The multiviewer output height  |
| Mvw_Label          | String_out  | The multiviewer output label   |

### Enable

|                          |             |                                       |
|--------------------------|-------------|---------------------------------------|
| Mvw_EnableWidget_Cmd[X]  | Digital_in  | Pulse this signal to enable widget X  |
| Mvw_DisableWidget_Cmd[X] | Digital_in  | Pulse this signal to disable widget X |
| Mvw_WidgetEnabled_FB[X]  | Digital_out | Equals 1 when widget X is enabled     |

### Recall\_Preset

|                              |            |                                |
|------------------------------|------------|--------------------------------|
| Mvw_RecallPreset_Cmd[X]      | Analog_in  | Recall multiviewer preset X    |
| Mvw_LastPresetRecalled_FB[X] | Analog_out | The latest preset index loaded |

### Widget\_Source

|                         |            |   |
|-------------------------|------------|---|
| Mvw_WidgetSource_Cmd[X] | Analog_in  | Define the source displayed in widget X |
| Mvw_WidgetSource_FB[X]  | Analog_out | The source displayed in widget X        |

### Widget\_Position\_Size

|                         |            |                            |
|-------------------------|------------|----------------------------|
| Mvw_WidgetTop_Cmd[X]    | Analog_in  | Set widget X top position  |
| Mvw_WidgetLeft_Cmd[X]   | Analog_in  | Set widget X left position |
| Mvw_WidgetWidth_Cmd[X]  | Analog_in  | Set widget X width         |
| Mvw_WidgetHeight_Cmd[X] | Analog_in  | Set widget X height        |
| Mvw_WidgetTop_FB[X]     | Analog_out | Widget X top position      |

|                        |            |                        |
|------------------------|------------|------------------------|
| Mvw_WidgetLeft_FB[X]   | Analog_out | Widget X left position |
| Mvw_WidgetWidth_FB[X]  | Analog_out | Widget X width         |
| Mvw_WidgetHeight_FB[X] | Analog_out | Widget X height        |

**Preset\_Available**

|   |                             |   |
|---|-----------------------------|---|
| <a href="#">Mvw_PresetAvailable_FB[X]</a> | <a href="#">Digital_out</a> | <a href="#">Equals 1 if preset X is available</a> |
|---|-----------------------------|---|

**PresetLabel**

|                                       |                             |                                |
|---------------------------------------|-----------------------------|--------------------------------|
| <a href="#">Mvw_PresetLabel_FB[X]</a> | <a href="#">StringI_out</a> | <a href="#">Preset X label</a> |
|---------------------------------------|-----------------------------|--------------------------------|